

Soil Sentry

Liquid 330

Double-Walled UST Monitoring System

Arizona Instrument - A Z I

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Evaluator: Ken Wilcox Ass. - 01/08/93

System Description: *The Soil Sentry **Liquid 330** uses optical sensing technology to monitor double-contained storage tanks and piping. The system utilizes up to 10 optical sensing probes which continuously monitor annular spaces in tanks and piping. Probes can also be installed in the tanks to provide high and low level alarms. The **Liquid 330** uses a **WET/DRY** probe to distinguish between normally **DRY** or **WET** conditions. A discriminating probe can be used to determine whether the liquid is water or product. All event conditions (alarms) are stored and can later be recalled. The system is capable of storing 350 lines of information.*

Detector:	Output type:	qualitative
	Sampling frequency:	continuous
	Operating principle:	refraction

Applicability: Unleaded and synthetic gas, diesel fuel, n-hexane, jet-A fuel, toluene, xylene(s) and water

SAMPLE REPORTS

Liquid 330

Soil Sentry
Liquid 330

SITE ☐ NORMAL ☐ ALARM

SYSTEM ☐ NORMAL ☐ ALARM

☐ ☐ YES

☐ ☐ NO

TEST EXIT

Display Options

1. View Menu Options?
2. View Current Status?
3. View Print Options?
4. Make Setup Changes?
5. Diagnostics Options?

Console

1. View or Print Current Status

- a. Press **YES** or **NO** until "View Current Status?"
- b. Press **↑** or **↓** until desired information
- c. Press **YES** to download information
- d. Press **EXIT** to leave routine

LIQUID 330 CURRENT STATUS
05-MAR-91 12:33

Site Name
Site Address
City, State, Zip
Site Comments

Controller: OK
Calibration: 2.54 Volts. OK

Probe 1: 2.64 Volts. Normal
Probe 2: Inactive
Probe 3: 2.64 Volts. Normal
Probe 4: Inactive
Probe 5: Inactive
Probe 6: 2.64 Volts. Normal
Probe 7: Inactive
Probe 8: Inactive
Probe 9: 2.64 Volts. Normal
Probe 10: Inactive

2. View or Print History

- a. Press **YES** or **NO** until "View Print Options?"
- b. Press **↑** or **↓** until "Print History?"
- c. Press **YES** to download information
- d. Press **EXIT** to leave routine

LIQUID 330 PAST SIGNIFICANT EVENTS
16-APR-91 13:53

16-04-91 13:37 Event: Operate/Setup
Power: ON
16-04-91 13:37 Event: Site Alarm
Probe 10 ALARM
16-04-91 13:38 Event: Operate/Setup
Site Alarm Cleared
16-04-91 13:50 Event: Operate/Setup
Setup Menu Entered
16-04-91 13:52 Event: Operate/Setup
Setup Menu Entered
16-04-91 13:52 Event: System Alarm
EVENT MEMORY
16-04-91 13:52 Event: Operate/Setup
System Alarm Cleared
End of Significant Events